| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br>( Not for submission under 37 CFR 1.99) | Application Number Filing Date |       | 10809082<br>2004-03-25 |  |  |
|---|--------------------------------|-------|------------------------|--|--|
|   | First Named Inventor           | Jung, | Jin-Won                |  |  |
|   | Art Unit                       |       | 1742                   |  |  |
|   | Examiner Name                  |       |                        |  |  |
|   | Attorney Docket Numb           | er    | 04019.00048            |  |  |
|   |                                |       |                        |  |  |

| U.S.PATENTS          |  |   |                                |                 |                           |   |   |  |   |    |
|----------------------|--|---|--------------------------------|-----------------|---------------------------|---|---|--|---|----|
| Examiner<br>Initial* | Cite<br>No   | Patent Number                           | Kind<br>Code <sup>1</sup>      | Issue D         | )ate                      | Name of Patentee or Applicant of cited Document |   | Pages,Columns,Lines where<br>Relevant Passages or Releva<br>Figures Appear |   |    |
|                      | 1  | 4865663A                                |                                | 1989-09-12      |                           | Tuominen, Steven M. et al.                      |   |  |   |    |
| If you wisl          | If you wish to add additional U.S. Patent citation information please click the Add button.                |   |                                |                 |                           |   |   |  |   |    |
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| Examiner<br>Initial* | Cite<br>No   | Foreign Document<br>Number <sup>3</sup> | Country<br>Code <sup>2</sup> i |                 | Kind<br>Code <sup>4</sup> | Publication<br>Date                             | Name of Patentee or<br>Applicant of cited<br>Document |  | Pages,Columns,Lines<br>where Relevant<br>Passages or Relevant<br>Figures Appear | T5 |
|                      | 1  | JP 59 150069A                           |                                |                 |                           | 1984-08-28                                      | Hitachi Metals Ltd.                                   |  |   |    |
|                      | 2  | EP 0 484 805 A                          |                                |                 |                           | 1992-05-13                                      | Johnson Service Co                                    | 0.   |   |    |
|                      | 3  | GB 2287955                              |                                |                 |                           | 1995-10-04                                      | Nat Res Inst Metals                                   | 6  |   |    |

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| Attorney Docket Number |       | 04019.00048 |  |

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|--|------------|---|------------|--|--|------------|----------------------|--|--|--|--|
|  | 4          | JP 5  | 8 157934 A |  |  | 1983-09-20 | Hitachi Metals, Ltd. |  |  |  |  |
|  | 5          | EP 0  | 187 452 A1 |  |  | 1986-07-16 | Raychem Corp.        |  |  |  |  |
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| NON-PATENT LITERATURE DOCUMENTS  |            |   |            |  |  |            |                      |  |  |  |  |
| Examiner<br>Initials*  | Cite<br>No | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published. |            |  |  |            |                      |  |  |  |  |
|  | 1          | International Search Report for European Application No. 04785866.7 (PCT/US2004009415)  |            |  |  |            |                      |  |  |  |  |
|  | 2          | Jung, Jin-Won: "Design of nanodispersion strengthened titanium nickel-base shape memory alloys"; December 2003 (2003-12); 160pp (XP009087473)   |            |  |  |            |                      |  |  |  |  |
|  | 3          | JUNG, J. et al.: "A comparative study of precipitation behavior of Heusler phase (Ni2TiAl) from B2-TiNi in Ni-Ti-Al and Ni-Ti-Al-X (X=Hf, Pd, Pt, Zr) alloys"; ACTA MATERIALIA 51(20), 6341-6357; 2003; (XP002444647)   |            |  |  |            |                      |  |  |  |  |
|  | 4          | JUNG, J. et Al.: "Design of nanodispersion strengthened TiNi-base shape memory alloys: SMST-2003; PROCEEDINGS OF THE INTL CONFERENCE ON SHAPE MEMORY AND SUPERELASTIC TECH, PACIFIC GROVE, CA UNITED STATES, May 5-8, 2003 (XP009087509)                        |            |  |  |            |                      |  |  |  |  |
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